

ALLERGENIC PROTEIN AND PEPTIDES FROM
HOUSE DUST MITE AND USES THEREFOR

Abstract

Isolated nucleic acids encoding allergens of the species *Dermatophagoides pteronyssinus* and *Dermatophagoides farinae*, Der p VII and Der f VII, respectively, are disclosed. A cDNA encoding a peptide having a Der p VII activity and a predicted molecular weight of about 22, 177 daltons is described. A cDNA encoding a peptide having Der f VII activity is also described. The nucleic acids of the invention can be used as probes to detect the presence of Der p VII or Der f VII nucleic acid in a sample or for the recombinant production of peptides having a Der p VII or Der f VII activity. Peptides having a Der p VII or Der f VII activity can be used in compositions suitable for pharmaceutical administration or methods of diagnosing sensitivity to house dust mite allergens.